

U.S. Department of Commerce, Patent and Trademark Office	Atty Docket No.	Serial No.
	4264C5	09/627,753
REFERENCES CITED BY APPLICANTS	Applicant	
(Use several sheets if necessary)	Livak et al.	
	Filing Date	Group
	July 28, 2000	1656

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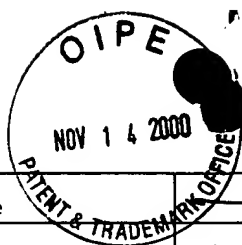
U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	1.	6,030,787	02/29/00	Livak et al.	435	6	duplicate
M	2.	6,008,373	12/28/99	Waggoner	548	427	
M	3.	5,925,517	07/20/99	Tyagi et al.	435	6	
	4.	5,876,930	03/02/99	Livak et al.	436	6	duplicate
M	5.	5,804,375	09/08/98	Gelfand et al.	436	6	
M	6.	5,723,591	03/03/98	Livak et al.	536	22.1	
M	7.	5,688,648	11/18/97	Mathies et al.	435	6	
M	8.	5,654,419	08/05/97	Mathies	536	25.4	
M	9.	5,607,834	03/04/97	Bagwell	435	6	
M	10.	5,565,554	10/15/96	Glazer et al.	536	26.6	
M	11.	5,538,848	07/23/96	Livak et al.	435	5	
M	12.	5,491,063	02/13/96	Fisher et al.	435	6	
M	13.	5,487,972	01/30/96	Gelfand et al.	435	6	
M	14.	5,332,659	07/26/94	Kidwell	435	6	
M	15.	5,210,015	05/11/93	Gelfand et al.	435	6	
M	16.	4,996,143	02/26/91	Heller et al.	435	6	
M	17.	4,220,450	09/02/80	Maggio	23	230	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
M	18.	AU 640089	08/12/93	Australia				
M	19.	WO 96/30540	10/03/96	PCT				
M	20.	WO 95/21266	08/10/95	PCT				
M	21.	WO 95/03429	02/02/95	PCT				
M	22.	WO 93/13224	07/08/93	PCT				
M	23.	WO 92/02638	02/20/92	PCT				
M	24.	WO 90/03446	04/05/90	PCT				
	25.	EP 0601889A	06/15/94	Europe				

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<i>M</i>	26.	EP 0523557A	01/20/93	Europe	NOV 20 2000		X
<i>M</i>	27.	EP 0457213A	11/21/91	Europe			
<i>M</i>	28.	EP 0420102A	04/03/91	Europe	TECH CENTER 1600/2400		
<i>M</i>	29.	EP 0343955A	05/27/88	Europe			
<i>M</i>	30.	EP 0232967A	08/19/87	Europe			
	31.	EP 0229943A	07/29/87	Europe	duplicate		
<i>M</i>	32.	JP 5123195	05/21/93	Japan		X	
<i>M</i>	33.	JP 5123195 (English Translation)	05/21/93	Japan		X	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>M</i>	34.	Search Report of WO 96/15270 by Livak, (PCT/US95/14882)					
<i>M</i>	35.	Database WPI, Sect. Ch., Wk. 8608, Derwent Publ. Ltd., London, GB January 1986, JP 5015439 (1993) "Determine Polynucleotide Single Strand Label Luminous Polynucleotide Substance"					
<i>M</i>	36.	Agrawal and Zamecnik, "Site Specific Functionalization of Oligonucleotides for Attaching Two Different Reporter Groups," Nucl. Acids Res. 18(18):5419-5423 (1990)					
<i>M</i>	37.	Cardullo et al., "Detection of Nucleic Acid Hybridization by Nonradiative Fluorescence Resonance Energy Transfer," Proc. Natl. Acad. Sci. USA 85:8790-8794 (1988)					
<i>M</i>	38.	Clegg, "Fluorescence Resonance Energy Transfer and Nucleic Acids," Methods of Enzymology 211:353-389 (1992)					
<i>M</i>	39.	Clegg et al., "Observing the Helical Geometry of Double-Stranded DNA in Solution by Fluorescence Resonance Energy Transfer," Proc. Natl. Acad. Sci. USA 90:2994-2998 (1993)					
<i>M</i>	40.	Guo et al., "Direct Fluores. Analy. of Genetic Polymor. by Hybrid. with oligonucl. arrays on glass supports," Nucl. Acids Res., 22(24):5456-5465 (1994)					
<i>M</i>	41.	Heller et al., "Fluorescent Energy Transfer Oligonucleotide Probes," Abstract 248, Fed. Proc. 46:1968 (1987)					
<i>M</i>	42.	Higuchi et al., "Simultaneous Amplification and Detection of Specific DNA Sequences," Biotechnology 10:413-417 (1992)					
<i>M</i>	43.	Higuchi et al., "Kinetic PCR Analysis: Real-Time Monitoring of DNA Amplification Reactions," Biotechnology 11:1026-1030 (1993)					
<i>M</i>	44.	Holland et al., "Detection of Specific Polymerase Chain Reaction Product by Utilizing the 5'-3' Exonuclease Activity of Thermus aquaticus DNA Polymerase," Proc. Natl. Acad. Sci. USA 88:7276-7280 (1991)					
<i>M</i>	45.	Ju et al., "Design and Synthesis of Fluorescence Energy Transfer Dye-Labeled Primers and their Application for DNA Sequencing and Analysis," Anal. Biochem. 231:131-140 (1995)					
<i>M</i>	46.	Lee et al., "DNA sequencing with dye-labeled terminators and T7 DNA polymerase: effect of dyes and dNTPs on incorporation of dye-terminators and probability analysis of termination fragments," Nucl. Acids Res. 20(10):2471-2483 (1992)					

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	47.	Patel et al., "Allelic Discrimination by Nick-Translation PCR With Fluorogenic Probes," Nucleic Acids Research 21:3761-3766 (1993) duplicate
	48.	Lindsey et al., "Visible light-harvesting in covalently-linked porphyrin-cyanine dyes," Tetrahedron 45(15):4845-4866 (1989)
	49.	Livak et al., "Oligonucleotide and fluorescent dyes at opp. ends provide a quenched probe system useful for detecting PCR Prod. and nucleic acid hybrid," PCR Methods and Applications, Coldspring Harbor Laboratory Press 1995, p. 357-362 duplicate
M	50.	Mergny et al., "Fluorescence Energy Transfer as a Probe for Nucleic Acid Structures and Sequences," Nucl. Acids Res. 22(6):920-928 (1994)
M	51.	Ozaki et al., "The estimation of distances between specific backbone-labeled sites in DNA using fluorescence resonance energy transfer," Nucl. Acids Res. 20(19):5205-5214 (1992)
M	52.	Parkhurst et al., "Kinetic Studies by fluorescence resonance energy transfer employing a double-labeled oligonucleotide: hybridization to the oligonucleotide complement and to single-stranded DNA," Biochemistry 34:285-292 (1995)
M	53.	Parkhurst & Parkhurst, "Donor-Acceptor Distance Distributions in a Double-Labeled Fluorescent Oligonucleotide Both as a Single Strand and in Duplexes," Biochemistry 34:293-300 (1995)
M	54.	Parkhurst & Parkhurst, "Changes in the end-to-end distance distribution in an oligonucleotide following hybridization," Time-Resolved Laser Spectroscopy in Biochemistry (Ladkowitz, J.R. Ed.), Proc SPIE 2137:475-485 (1994)
M	55.	Parkhurst & Parkhurst, "Kinetic Studies of Oligonucleotide-DNA Hybridization in Solution by Fluorescence Resonance Energy Transfer," Abstr. Biophys. J. 64:A266 (1993)
M	56.	Parkhurst & Parkhurst, "Fluorescence Studies of Oligonucleotide-DNA Hybridization in Solution and of Oligonucleotide End to End Distance Distributions," Abstracts, 11th International Congress on Photobiology, Kyoto, Japan, p. 258, Photobiology Association of Japan, Kyoto, Japan (1992)
M	57.	Roche Inventor Disclosure disclosed to Applied Biosystems prior to November (1994)
M	58.	Stryer et al., "Energy Transfer: A Spectroscopic Ruler," Proc. Natl. Acad. Sci. USA 58:719-726 (1967)
M	59.	Tyagi et al., "Molecular Beacons: Probes that fluoresce upon hybridization, Nature Biotechnology 14:303-308 (1996)
M	60.	Wu et al., "Resonance Energy Transfer: Methods and Applications," Anal. Biochem. 218:1-13 (1994)
Examiner <i>[Signature]</i> Date Considered <i>12/22/02</i>		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.		

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